

WHAT IS CLAIMED IS:

1. A method of carrying out lithographic printing using a plate having an image recording layer capable of being developed with dampening water and/or ink, the method including:

a development step in which a plate bearing a recorded image, mounted on a plate cylinder and having a given surface speed is subjected to contact with a dampening roller and/or a form roller having a surface speed differing from the surface speed of the plate, and is thereby supplied with dampening water and/or ink; and

a printing step in which ink is transferred to a printing material while the dampening roller and form roller remain in contact with the plate.

2. A printing press that has a dampening roller, a form roller and a plate cylinder and that carries out lithographic printing using a plate having an image recording layer capable of being developed with dampening water and/or ink, the printing press includes:

a developing device for carrying out development by bringing the dampening roller and/or form roller into contact with a plate on which an image has been recorded

and which is mounted on the plate cylinder, and supplying dampening water and/or ink to the plate;

a printing device for transferring ink to a printing material while the dampening roller and form roller remain in contact with the plate; and

a roller speed control device for controlling the surface speed of the dampening roller and/or form roller in development step so that it differs from the surface speed of the plate mounted on the plate cylinder.